1950-51

File No. 8993/36

DEPARTMENT

Electrical **BRANCH**

Subject:— Grid Scheme:

Bijapur District

P30E

Acquisition of Land

for the Proposed Power

Station at Guledgud

Bijapur

C(1)1451

1 V

File No. 8993 | 36

Sta. Sectt. Slip 24-A

Std. Sectt. 78 e.

G.R., G. D., No. 2408, dated 22-6-22.]

Correspondence

DOCKET SHEET

Subject :—

File No._____

_____ **DEPT.**

_____ **BRANCH.**

References :—

for further ppr's pl. see
GB 9 1051-

Date.	To whom sent.	Notes and instructions.

8993/36
11006

El. Br. (I)

P.W.D.

Submitted.

2. The Elect. Commr. has approached the Collr of Bijapur in connection with the acquisition of land, reqd for the construction of a power house at Ilkal. The Scheme of electrification of Ilkal has been approved in G.R. No. 8993/36 dt. the 21.1.48.

3. Further developments in the matter may be awaited.

JSWC
8.2.51.

for D. S.

8993/36

11006

El. Br. (I)

P.W.D.

P & E

Resubmitted with ref. to the P.O.N. dt. the 9-2-51.

2. The Colls of Bijapur has been expedited separately by the R.D. vide it's memo. no. 0/20057-9. dt. the 30.3.51, a copy enclosed to this Deptt. Further developments in the matter may be awaited.

J Gwc
11.4.51.

A.A.S.

11/4/51

8993/36

11006.

K.B.

P.W.D.

Resubmitted with ref. to the O.N. overleaf.

2. The C.E., B.E.G., may be requested u.o. to state how the matter stands now.

2.6.51.

5/6/51.

A.A.S.

U.O. to the C.E., B.E.G. dt: 7th June 1951

E.E. (P.D.) 1/6/51

601/4/6

OFFICE OF THE ELECTRICAL COMMISSIONER THE GOVERNMENT OF [illegible]
Inward No. 16024
7/6

8993/36

189.53

El. Br (I). P.W.D.

Submitted for information.

await further development.

19/3/50

K/11/3/50

DS

Await further (1-)

8993/36
18953.

1107/57.

El. Br (I). P.W.D.

Resubld.

2. The El. Commr. may be requested to kindly show the matter again.

12/6/50

10/6/50

El. Commr. 14-6-50

Addl. to El. Commr.

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 17388
Date 15/6

Below Govt.P.W.D.U.O.R.El.Br.(I) No. 8993/36/18953 of 14-6-1950.

Electric Grid Offices.

Joint Survey of the site to be acquired was under-taken in company with ~~with~~ the District Inspector of Land Record on 31-5-1950 and the Collector of Bijapur has been requested to notify the acquisition in the Government Gazette under clause 17 of the Land Acquisition Act.

The Collector has submitted the draft notification to Government for publication in the Gazette and further intimation from the Collector with regard to the handing over of the land is awaited.

P 731
21 6 50

El Br I
2216

E. & D.
File 8993/36
Serial No. 50059

The Secy. to Govt.
P.W.D.,Bombay.

U.O.R.No.C2/46 14029

Bombay 1: 21st June 1950.

LKK/20/6.

El. Br (I). P.W.D.

Submitted for information & necessary action with reference to his U.O. dt. 10.6.50.

Await.

23/6/50.

23/6/50

8993/36
50059

El. Br (I). P.W.D.

Resubd with reference to the
O.M. overleaf

2. The El. Commr may be requested
W.D. to state how the matter
stands now.

421
14/8/50

14/8/50

W.D. to Elect Commr. 8 21.8.50

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 23362
Date 22/8

8993/36
70925

Below Govt. P.W.D. U.O.R. El. Br.(I)
No.8993/36/50059 dated 21-8-50.

Electric Grid Offices.

Joint Survey of the site to be acquired was carried out on 31-5-1950 and the Collector of Bijapur has been requested in this office letter No. C2/46/16754 dated 21/7/50 to expedite land Acquisition proceedings and to arrange to hand over the site to this Department at an early date.

PTA.
28/8/50.

El I 29/8

8993/36
70925

The Secy. to Govt.
P.W.D., Bombay.

U.O.R. No.C2/46/ 20370
Bombay 1 24 H/50.

CBS/26-8.

Tl. Br (I). P.W.D.

Await.

29/8/50

23/8/50

AAE

8993 | 36

70925

Ed. Bs. (I)

P. W. D.

Resubmitted with ref. to the O.N. dt. the 30-8-50, overleaf.

2. The Elect. Commr. may be requested u.o. to state how the matter stands now.

J. Gharpure 20.11.50.

22/11/50

J. A. S.

U.O. to Elect Commr. d 22-11-50

22/11

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 22-4 30819
Date 22/11

Below Govt. P.W.D.U.O.R.El.Br.(I) No. 8993/36/70925 dated 22-11-50.

ELECTRIC GRID OFFICES:

The portion of the site that was notified under urgency clause has been taken over by this Department on 3-11-50. The rest of the site which was notified under clause 4 is still to be taken over.

The construction work of the power Station Building will commence soon.

El (I) 27/11

Secy. to Govt.,
P.W.D., Bombay,

U.O.R.No.C2/46/ 28126 24/11/50
Dated: 24-11-50.

HBK/24.XI.50.

P. W. D.
File No. 8993/36
Serial No. 96513

EEBT
25-11-50

8993/36

96513

El. Br. (I)

P.W.D.

Submitted for information with reference to the O.N., dt. the 20.11.50.

Await.

28.11.50.

28/11/50

J. A.S.

8993/36
70925

El. Br. (I)

P.W.D.

Resubmitted with ref. to the O.N., dt. the 29-11-50, on the previous page.

2. The Elect. Commr. may be requested u.o. to state how the matter stand-now.

13.1.51

15/1/51

J.A.S. to Elect. Commr 15-1-51

1633
16/1

Below Govt., P.W.D.U.O.R. El.Br.(I) No. 8993/36/70925 dated 15th January 1951.

ELECTRIC GRID OFFICES.

The second notification of Survey No.184--C containing the well, was published in the Bombay Govt. Gazette, on page No.7245 dated 21st December 1950 under No.4270/49. The Collector of Bijapur District has been requested to take further action in the matter and hand over the above land to this Department at an early date.

PWB.
24/1/51.

Secy. to Govt.,
P.W.D., Bombay.
U.O.R.No.C2/46/ 2626
Dated 24 January 1951.

MAK/23.1.
8993/36/8082
EL.Br.(I)

P.W.D.

Submitted for info with ref. to the O.N., dt. the 13-1-51.
Await.

J.A.S.

8993 | 36
8082

El. Bs. (I)

P.W.D.

Resubmitted with ref. to the O.N. dt. the 1-2-51, overleaf.

2. The Colls of Bijapur has been expedited separately by the R.D. vide his memo. no. [illegible]/20057-G dt. the 30-3-51, copy endorsed to this Deptt. Further developments in the matter may be awaited.

+ D. f[illegible] 3762/48

Yours 11.4.51.

17/4/51

A.A.S.

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 16025
Date 7/6

K.B.

P.W.D.

Resubmitted with ref. to the O.N. above.

2. The C.E., B.E.G. may be requested u.o. to state how the matter stands now.

Yours 1.6.51.

4/6/51

El(I) 25/1

A.A.S.

U.O. to the C.E., B.E.G., dt. 7th June 1951.

El. I

8993/36
8082

SEPARATOR

Electrification of certain
Towns in the Bijapur District.

GOVERNMENT OF BOMBAY.
Public Works Department.
Resolution No.8993/36.
Bombay Castle, 21st January 1948.

Letter from the Electrical Commissioner with the Government of Bombay, No.Elg.356/~~XXX~~ 10107, dated the 13th October 1947, as under:-

"Reference: Government Resolution, Public Works Department No.6730/36(4)/~~XX~~ dated 14th January 1947 detailed investigations have been ~~XXXX~~ carried out for the towns of Guledgud, Ilkal, Hungund and Sulibhavi-Amingad in Bijapur District. As also desired in Public Works Department Un Official Reference No. S.92/11108 dated 27th March, 1947, schemes for proposed electrification of the two places viz. Kanatgi and Gudur, although those were not included for investigations in the above mentioned Government Resolution have been considered. In this connection the following notes are submitted herewith.

Note No.1 - Giving details in general of the proposed diesel electric schemes for the towns of Guledgud, Kanatgi, Ilkal, Hungund, Sulibhavi-Amingad and Gudur in Bijapur District.

Note No.2 - Giving load and other data regarding the electrificatio of Guledgud.

Note No.3 - Same as note No.2 but including load and other data for the supply of electricity to the town of Kanatgi from the proposed diesel station at Guledgud.

Note No.4 - Giving load and other data regarding the electrification of Ilkal, Hungund and Sulibhavi-Amingad

Note No.5 - Same as Note No.4 but including load and other data for the supply of electricity to Gudur from the proposed diesel station either at Ilkal or Hungund.

2. Reference is invited to this office drawing No.DB/DH-83 as per copy attached from which it will be seen that if electrification of Kanatgi is to be included along with that of Guledgud as under Note No.3 - seven miles of extra 11 KV transmission lines from Guledgud to Kanatgi, will be involved. In addition, one outdoor sub-station and L.T. distribution for Kanatgi proper will have to be arranged for. Similarly if electrification of Gudur is to be included along with that of Ilkal, Hungund, Sulibhavi and Amingad as under note No.5, 8 miles of extra 11 KV transmission lines from Amingad to Gudur will be involved and in addition one Outdoor Sub-station of suitable capacity and L.T. distribution for Gudur proper, will have to be arranged for.

3. It will be noted from the report that the capital as well as operating costs are higher than those shown in the similar reports, submitted and sanctioned by the Government for four towns in Ratnagiri District. This is due to the fact that since the above reports were prepared, there has been an appreciable increase in the price of the plants and other machinery etc. Likewise, fuel oil supply companies have indicated much higher price for fuel oil than what they had done previously. The basis of salaries and wages which are much higher than those adopted previously for staff has also been revised. The revised operating cost also includes part of the cost for a sub-division which will be established for supervision and maintenance of the electrification schemes both in Bijapur and Belgaum Districts.

4. In view of the above mentioned higher costs, power

tariff.....

tariff rates adopted in the estimates for the proposed schemes, are in line with those previously proposed for the electrification of Islampur in which connection reference is invited to Government Resolution No.3642/36 dated 8th August 1947. The rates proposed, however, are more favourable than those adopted by most other small concerns and are likely to be found acceptable.

5. It will be noted that the scheme for Guledgud is expected to be self-supporting in the tenth year and that the maximum demand in the first and tenth year will be about 30 KW and 139 KW respectively. Combined scheme for the electrification of Guledgud and Kanatgi as per note 3 may become self-supporting slightly earlier i.e. in the ninth year and the maximum demand in the first and tenth year will go upto about 51 KW and 233 KW respectively. The combined scheme appears to be more promising than the scheme for Guledgud alone. Hence it is recommended for favourable consideration. The scheme for Ilkal, Hungund and Gulibhavi-Amingad, is expected to be self-supporting in the tenth year and that the maximum demand in the first and tenth year will be about 31 KW and 146 KW respectively. The combined scheme for Ilkal, Hungund, Sulibhavi-Amingad and Gudur as per note 5 may become almost self-supporting in the tenth year and the maximum demand in the first and tenth year will go upto about 37 KW and 177 KW respectively. It will be seen from the ten year forecast that the combined schemes may become almost self-supporting in the tenth year and in view that one more place may get the benefit of electric supply, this scheme may be favourably considered. The survey load data include power requirements for about five hundred electrically driven looms. This load has been taken into account on the assumption that Government will sanction my previously submitted proposals for giving out on hire purchase basis power looms to hand weavers. It will be noted that there are about 15000 handlooms working at present in these six towns and it has been assumed that in the first five years, only about 500 handlooms will be replaced by power looms in the houses of hand weavers. If as a result of the Government Policy actively pursued, more electrically operated powerlooms are installed and put into operation, the scheme for Guledgud and other places will become self-supporting earlier.

6. As pointed out in paragraphs 6 and 7 of my letter, which forms preamble to the above quoted Government Resolution, prices of plant and machinery are at present high and consequently it was stated that the electrification of various towns mentioned in the letter will involve appreciable deficits for some years. This is confirmed by the figures which have been worked out and submitted in connection with the scheme for Islampur and is supported by the present worked out figures for the scheme of Guledgud and other places in Bijapur District. As, however, electrification will enable increased industrial production from village and small scale industries, the deficits, till the scheme for Guledgud and other places becomes self-supporting, may be considered as a justifiable nation building expenditure.

7. Separate Government orders may kindly issue for each of the two following schemes.

(1) Guledgud-Kanatgi electrification as per details in Notes No.2 and 3 attached.

Total capital cost Rs.5,61,300/- only.

(2) Ilkal, Hungund, Sulibhavi-Amingad and Gudur electrification as per details in Notes No.4 and 5 attached.

Total capital cost Rs.7,16,800/- only."

RESOLUTION: The following schemes are approved administratively

The total initial cost for the scheme of Ilkal, Hungund, Sulibhavi Amingad as per note No.4 will be approximately Rs.5,74,700. In case, it is decided to serve Gudur with Electricity from the proposed diesel station which may be established either at Ilkal or Hungund any extra cost of Rs.1,42,100 as per Note No.5, will be involved, making a total cost of Rs.7,16,800. From the estimates given in the above mentioned notes, the anticipated nett deficit in the fifth year of working of the scheme for Ilkal, Hungund, Sulibhavi-Amingad and that for Gudur, will be about Rs.22,272 and Rs.10,512 respectively, making a total deficit of Rs.32,784/- for the combined scheme. It will further be seen from the statements, giving forecast of the development of the scheme over a period of ten years, which are also included in the above mentioned notes, that the scheme for Ilkal, Hungund and Sulibhavi-Amingad may become self-supporting in the tenth year and the/including that for Gudur /scheme may almost become self-supporting, in the tenth year. It may be noted that the forecasts of development of the schemes throughout, are based on the following assumptions:-

a. The rates of Fuel oil have been estimated at -
Rs.165/- per ton for the first year.
Rs.166/- per ton minus 5 per cent for the second year.
Rs.165/- per ton minus 10 per cent for the 3rd, 4th and 5th year.

It has been further assumed that the cost of fuel oil prevailing in the 5th year will be reduced in the 6th year, 8th and 10th year by 5, 10 and 15 per cent respectively.

b. According to the statements of ten year forecast submitted as per Notes No.2 and 4, provision will have to be made for the installation of an additional set of 100 KW. in the sixth year, estimated to cost Rs.46,000/- per scheme. This capital cost is not included in the initial cost figures of Rs.3,61,300 and Rs.5,74,700 respectively, but interest and depreciation charges have been exhibited in the above statements. According to the statements of ten year forecast submitted as per Notes No.3 and 5, the third set of 150 kW. and 100 kW. will be required to be installed in the second and third year, respectively, although provision in the estimates has been made for three sets from the beginning.

8. Technical Details:- The Diesel station at Guledgud, which is proposed to serve the town of Guledgud with Electricity, will be equipped with two generating sets, one of 100 kW. and the other of 50 kW. In case, it is decided to serve Kamatgi with electricity, Diesel Station at Guledgud will be equipped with two generating sets, 100 kW. each in the beginning and the third set of 150 kW. will be added later. In the case of towns viz. Ilkal, Hungund, Sulibhavi-Amingad, the Diesel Station at one of these places, will be equipped with two generating sets of 100 kW. each. In case it is decided to serve Gudur with Electricity, the Diesel Station will have to be equipped with two generating sets 100 kW. each in the beginning and the third set of similar capacity will be added later. Each of these stations will be complete with switchgear, inter-connecting cables, power House Crane, Water cooling arrangements, emergency lighting sets and other auxiliaries etc.

The generating supply will be 400/440 volts, three phase, 50 cycles, 4 wire. The areas adjoining the proposed generating stations will be served direct from the stations at the generating voltage. For the remaining areas which will be far and cannot economically be served from the generating stations, sub-stations at suitable centres will be established. The supply voltage at the generating stations will be stepped up to 11 kV. for the transmission of energy to the above sub-stations where the voltage will be stepped down again to 400 volts for distribution.

The town of Guledgud has its own municipal Committee and the Committee is going to establish water-works in near future. Municipal Committee of Ilkal is also considering to have a drainage scheme. The total power requirement for the above water and drainage schemes, when started, will amount to about 70 H.P. The probable loads from these sources, have not however been taken into account for the purpose of estimating revenue as under the present difficulty of obtaining machinery and parts, it is not certain when the above schemes will be completed. But Negotiation will be started with both the Municipalities in connection with their power requirements after it is decided that the scheme for these towns is to be taken up.

4. Electrical Load Survey: Notes No.2, 3, 4 and 5 give the appro-
xiate load details for Guledgud, Kamatgi, Ilkal, Jamkhand, Sulibhavi
/obtained and Gudur respectively and they are based on the information/from
municipalities and other local bodies and public men of the places

5. Cost of Generation: According to the latest information obtained from Diesel oil supply Companies the cost of fuel oil delivered at site will be approximately Rs.165/- per ton and that for lubricating oil will be Rs.3/- per gallon. Since the revised rate now quoted for the supply of Diesel oil is much higher than the ~~xxx~~ basic rate of Rs.90/- to Rs.103/0/- which suppliers ~~x~~ suggested to this office to adopt for the purpose of estimates some time ago, the tariff rates previously taken as the basis for estimates, have now been revised to meet the higher cost of fuel oil and that of operation as well.

Tariff: The prices of plant, equipment and materials including fuel oil are continually on ~~xxx~~ increase and the present high cost may continue for some years more. As such large amounts have to be set aside for depreciation and interest. The working cost of Diesel Power Station will be pretty high for some years. This means the generation and supply of cheap electricity may not be possible for some years. Further, the places to be electrified comprise a backward part of the province and as such the tariff rates are to be so selected that they are acceptable to the consumers. The suggested rates are as under:-

(i) Motive Power:- As.2 per unit for the first 2000 units per month plus a fixed charge of Rs.1-12-0 per month per H.P. Connected and As.1 per unit for the additional units consumed.

(ii) Lighting: - For lighting and fans As.6 per unit

In connection with the above rates, it may be mentioned that most of the electric supply companies in small towns charge at present As.6 per unit for lighting and from 1- to As.3 per unit for motive power plus a fixed charge upto Rs.3/- per B.H.P. connected plus war cost surcharge of 33 and 1/3 per cent.

7. Financial Details:- The total initial cost for the scheme of Guledgud as per Note No.2 will be approximately Rs.3,61,300. In case, it is decided to serve Kamatgi with electricity from the proposed diesel station at Guledgud, an extra cost of Rs.2,00,000 as per Note No.3 will be involved, making a total cost of Rs. 5,61,300. From the estimates given in the above mentioned notes, the anticipated nett deficits in the fifth year of working of the scheme, for Guledgud and Kamatgi, will be about Rs.15,799 and Rs.4877 respectively, making a total deficit of Rs.20676/- for the combined scheme. It will further be seen from the Statements, giving forecast of the development of the scheme over a period of ten years, which are also included in the above mentioned notes that the individual scheme for Guledgud may become self-supporting in the tenth year and the combined scheme may become self-supporting slightly earlier i.e. in the ninth year.

The...

Ilkal:- The town of Ilkal is situated in Hungund Taluka. The nearest railway station is Bagalkot, which is about 38 miles off Ilkal. There is a Public Works Department road connecting Ilkal with Bagalkot for vehicular traffic. During monsoon, the road traffic gets interrupted when there is flood in Nallas. The town is surrounded on three sides by Nallas and on the fourth side by fields. The total area covered by the town is about 0.65 square mile.

Hungund:- It is a taluka town. The nearest railway station is Bagalkot, which is about 30 miles off Hungund. Hungund is on the Public Works Department Road from Bagalkot to Ilkal. Hungund is on a small plateau. There is a hill on the North Side and a Nalla on the South side of Hungund. The total area covered by the town is about 0.1 square mile.

Sulibhavi-Amingad:- Sulibhavi is a small town in Hungund Taluka. For Revenue and other purposes the town of Amingad, which is a mile off Sulibhavi, is included in Sulibhavi area. Amingad is on the Public Works Department Road from Bagalkot to Ilkal and Sulibhavi in the South off Amingad, is on the Amingad-Gudur Road. Amingad is about 22 miles and Sulibhavi is about 23 miles from Bagalkot, the nearest railway station. There is a hill on the North side and a Nalla on the South side of Amingad. The total area covered by Amingad and Sulibhavi, is about 0.23 square mile.

Gudur:- The town of Gudur is situated in Hungund Taluka. It is about 8 miles South off Amingad and about 16 and 24 miles respectively from Hungund and Ilkal. There is a District Local Board Road connecting Gudur with Amingad for vehicular traffic The total area covered by the place is about 0.08 square mile.

2. Population: The present population of Guledgud is about 20,603, as against 18,307 in 1941. The extension areas are being developed owing to the recent increase in population.

Guledgud:-

Ramatgi: The present population of Ramatgi is about 8000 as against 6,995 in 1941.

Ilkal:- The present population of Ilkal is about 18,500 as against 17,600 in 1941. The inhabited areas in the town are getting overcrowded and extension areas are therefore contemplated.

Hungund:- The present population of Hungund is about 7,500 as against 6,748 in 1941.

Sulibhavi-Amingad:- The present population of Sulibhavi including Amingad is about 10,500 as against 9,549 in 1941.

Gudur:- The present population of Gudur is about 4,000 as against 3,629 in 1941.

3. Scope of Electrical Development:

The main occupation of the people is agriculture and hand-weaving. Out of the total number of 15,000 handlooms that are operating in Bijapur District, there are about 5,000 looms each in Ilkal and Guledgud, and there are about 2,000, 1,600 and 500 looms in Sulibhavi-Amingad, Ramatgi and Gudur respectively. About 1/3 of the population in each of the above places is engaged on Hand-weaving. As the demand for cloth is increasing, most of the Handloom weavers are anxious to increase the production and some of them have shown their willingness to change over their looms to electric drive. There are also small scale industrial power plants, which are at present driven by oil engines with an aggregate output of about 219 H.P. Most of these engines are worn out and entail at present considerable repairs. Some of them, therefore, are likely to change over their plants to electric drive if electricity is made available

	Estimated cost*
(i) Electrification of Guledgud and Kamatgi in the Bijapur District.	5,61,300
(ii) Electrification of Ilkal, Hungund Sulibhavi-Amingad and Gudur in the Bijapur District.	7,16,800

*Vide details in the attached statement.

2. The cost of Schemes is debitable to the head "81-A— Capital Outlay on Electricity Schemes- Post War Reconstruction and Development Programme". No expenditure should be incurred on the schemes during the current financial year and the Electrical Commissioner should approach Government for necessary funds before the Schemes are taken up for construction in the next financial year.

By order of the Governor of Bombay.

D. A. Gadkary,
Deputy Secretary to Government.

G.R., P.W.D.No.8993/36, dated the 21st January 1948

The Finance Department.
The Reconstruction Department.
The Revenue Department.
The Health and Local Government Department.
The Commissioner, Southern Division.
The Collector of Bijapur.
The Electrical Commissioner with the Government of Bombay.
The Superintending Engineer, Southern Circle.
The Electrical Engineer to Government.
The Executive Engineer, Electrical Division and Electric Inspector, Bombay Province.
The Accountant General, Bombay.

No. 01.1948.

VPA
21/1/48

Copy forwarded for information and guidance to

Accompaniment to Government Resolution, Public Works Department No.8993/36, dated the 21st January 1948.

Proposed Diesel- Electric Scheme for the towns of Guledgud, Kamatgi, Ilkal, Hungund Sulibhavi-Amingad and Gudur in Bijapur District.

1. Features of the Towns:

Guledgud:- It is situated in Badami Taluka. The nearest railway station is Katgeri, which is 7 miles off Guledgud. There is an all weather road connecting Guledgud with Katgeri for vehicular Traffic. The town of Guledgud is surrounded on three sides by Hills and on the fourth side by a Nalla. The total area covered by the town, is about 0.35 sq.mile.

Kamatgi:- The town of Kamatgi is situated in Hungund Taluka. The nearest railway Station is Bagalkot, which is about 15 miles off Kamatgi. There is a Public Works Department road connecting Kamatgi with Bagalkot for vehicular traffic. It is about 7 miles off Guledgud and about 8 miles off Amingad. It is situated on the bank of the river Malprabha. The total area covered by the town is about 0.2 square mile.

Ilkal.

Statement showing the estimated cost for the electrification of Guledgud, Kamatgi, Ilkal, Hungund, Sulibhavi-Amingad and Gudur in the Bijapur District.

	Power house, machinery, etc.	Transmission and distribution system.	Transformers, switch gears, meters, street light fittings, house services, etc.	Total.
1	2	3	4	5
	Rs.	Rs.	Rs.	
(i) Electrification of Guledgud and Kamatgi.	3,23,220	1,34,628	1,03,452	5,61,300
(ii) Electrification of Ilkal, Hungund, Sulibhavi-Amingad and Gudur.	3,05,020	2,72,659	1,39,121	7,16,800

VPA.
23/1/48